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Substitute for Form 1400, TO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number 10/727,929

Filing Date December 03, 2003

First Named Inventor Wen-Bin Yan

Art Unit 2877

Examiner Name

Attorney Docket No. TGR-105US

SHEET 1 of 2

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
20		US-5,528,040	06/18/1996	Lehmann	Entire Document
20		US-5,973,864	10/26/1999	Lehmann et al.	Entire Document
20		US-6,040,915	03/21/00	Wu et al.	Entire Document
20		US-6,466,322 B1	10/15/2002	Paldus et al.	Entire Document
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
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<sup>1</sup>Applicant's unique citation designation number (optional).

<sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.

<sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard St.3).

<sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

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**SHEET 2 of 2**

**Complete if Known**

Application Number	10/727,929
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<b>Filing Date</b>	<b>December 3, 2003</b>
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First Named Inventor	Wen-Bin Yan
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Art Unit	2877
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Examiner Name	Richard A. Rosenberger
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Attorney Docket No.	TGR-105US
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## NON-PATENT LITERATURE DOCUMENTS

[illegible]

Examiner  
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Considered

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**SHEET 1 of 2**



**Complete if Known**

Application Number	10/727,929
Filing Date	December 3, 2003
First Named Inventor	Wen-Bin Yan
Art Unit	2877
Examiner Name	Richard A. Rosenberger
Attorney Docket No.	TGR-105US

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

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		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (If known)				
		EP 0 329 061 A2	08/23/1989	Sapp et al.		<input type="checkbox"/>
		EP 1 116 948 A1	07/18/2001	Zare et al.		<input type="checkbox"/>
						<input type="checkbox"/>
						<input type="checkbox"/>
						<input type="checkbox"/>

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Substitute for Form 1449B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>	<b>Complete if Known</b>	
	Application Number	10/727,929
	Filing Date	December 3, 2003
	First Named Inventor	Wen-Bin Yan
	Art Unit	2877
	Examiner Name	
SHEET 2 of 2		Attorney Docket No. TGR-105US

NON-PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
ff		RICHARD ENGELN and GIEL BERDEN, "Cavity Ring Down Absorption Spectroscopy", May 22, 2001, pages 1-9	<input type="checkbox"/>
ff		RICHARD ENGELN and GERARD MEIJER, "A Fourier Transform Cavity Ring Down Spectrometer", Rev. Sci. Instrum. 67,2708 (1996), Dept. of Molecular and Laser Physics, University of Nijmegen, pages 1-7	<input type="checkbox"/>
ff		A.J. HALLOCK, E.S.F. BERMAN, and R.N. ZARE, "Use of Broadband, Continuous-Wave Diode Lasers in Cavity Ring-Down Spectroscopy for Liquid Samples", January 10, 2003, Applied Spectroscopy, Vol. 57, No. 5. 2003, pages 571-573	<input type="checkbox"/>
ff		ALEXANDER J. HALLOCK, ELENA S.F. BERMAN, AND RICHARD N. ZARE, "Ultratrace Kinetic Measurements of the Reduction of Methylene Blue", August 13, 2002, J. AM. CHEM. SOC. Vol. 125, No. 5. 2003, pages 1158-1159	<input type="checkbox"/>
ff		K. J. SCHULZ and W. R. SIMPSON, "Frequency-Matched Cavity Ring-Down Spectroscopy", Chem. Phys. Lett. October 14, 1998, Geophysical Institute and Chemistry Department, University of Alaska Fairbanks, pages 1-9, Figure 1	<input type="checkbox"/>
ff		"Use of Broadband Light Source for CRDS", Office of Technology Licensing, Stamford University, Stamford Reference S02-221, 3 pages	<input type="checkbox"/>
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